



<b>1/3" 2.8mm/F1.4</b>	
Focus Length	f=2.8mm
Max. Diameter (Ratio)	F=1:1.4
Element	6 Group 7 Elements
Picture Size	3.6x4.8 φ6
Angle	Dia. 121.8 °
	Hor. 97.4 °
	Ver. 72.8 °
Distortion	TV -15.8%
Shooting Range at M. O. D.	Dia. 745mm
	Hor. 472mm
	Ver. 306mm
Minimum Object Distance	0.2m
Flange Back	12.5mm
Back Focus	8.82mm
Filter Screw Size	M35.5x0.5
Front/Rear Effective Dia.	F: φ17.6 / R: φ7.5
Mount	CS-Mount
Exit Pupil	-30.0mm
Temperature Range	-10 ~+45° C
Storage Temperature Range	-40 ~+60° C
Resolution	Center:100lp/mm Corner:more than 40lp/mm
Stopper Strength	10kgf cm <sup>2</sup>
Endurance Tests	
Operating Torque	Focus:100~1000gf cm
Weight	LM3PBA:72g LM3PB:69g

BS without AMP, LM3PB			AS with AMP, LM3PBA		
Driving Coil	Resistance	190Ω (20° C)	Input Voltage	Range	+8V~+16V Less than 35mA(9V)
	Color	Red, Black (Red+Open)		Color	Red (+VCC), Black (GND)
Dumping Coil	Resistance	1150Ω (20° C)	Input Signal	Signal	Video Signal (VorVS)
	Color	Yellow, Green (Yellow+Open)		Color	White
Driving Voltage	to Open	Less than +4V	Input Resistance	>100kΩ	
	to Close	Over than 0V		LEVEL Adjustment Range	0.5~1.0Vpp
(with Closing Spring)			VR or Remote	Remote	Green
			Response	within 3.5sec.	
			Cable	4 Wire(Shield)	L=500 mm